

Appl. No. : 10/725,962
Filed : December 2, 2003

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) An isolated antibody, or binding fragment thereof, that specifically binds to a drug of abuse, and wherein said antibody comprises a heavy chain polypeptide amino acid having a sequence selected from the group consisting of: SEQ. ID NO. 2, 4, 5, 7, 9, 10, 11, 13, 14, 15, 16, 18, 19, and 21.

2. (Currently Amended) The isolated antibody of Claim 1, wherein said monoclonal antibody comprises a light chain polypeptide amino acid having a sequence selected from the group consisting of: SEQ. ID NO. 23, 25, 26, 28, 30, 32, 33, 34, 35, 37, 38, 39, 41, and 43.

3. (Original) The antibody of Claim 1 wherein the drug of abuse comprises amphetamine.

4. (Original) The antibody of Claim 1 wherein the drug of abuse comprises methamphetamine.

5. (Original) The antibody of Claim 1 wherein the drug of abuse comprises phencyclidine.

6. (Original) The antibody of Claim 1, wherein the antibody is a monoclonal antibody.

7. (Original) The antibody of Claim 1 wherein the antibody is a chimeric antibody.

8. (Original) The antibody of Claim 1, wherein the antibody is a human antibody.

9. (Original) The antibody or fragment of Claim 1, wherein the antibody or fragment is associated with a pharmaceutically acceptable carrier or diluent.

10. (Original) The antibody or fragment of Claim 1, wherein the antibody or fragment is conjugated to a therapeutic agent.

11. (Original) The antibody or fragment of Claim 10, wherein the therapeutic agent is a toxin.

12. (Original) The antibody or fragment of Claim 10, wherein the therapeutic agent is a radioisotope.

13. (Original) A hybridoma cell line producing the antibody of Claim 1.

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14. (Original) A transformed cell comprising a gene encoding the antibody of Claim 1 .

15. (Original) The cell of Claim 14, wherein the cell is a Chinese hamster ovary cell.

16. (Original) A method of treating a patient suffering from addiction to a drug of abuse comprising providing a therapeutically effective amount of an antibody of Claim 1 to said patient.

17. (Original) The method of Claim 16 wherein the drug of abuse comprises amphetamine.

18. (Original) The method of Claim 16 wherein the drug of abuse comprises methamphetamine.

19. (Original) The method of Claim 16 wherein the drug of abuse comprises phencyclidine.

20. (Original) An article of manufacture comprising a container, a composition contained therein, and a package insert or label indicating that the composition can be used to treat addiction to a drug of abuse, wherein the composition comprises the antibody of Claim 1.

21. (Original) The article of manufacture of Claim 20, wherein the drug of abuse is amphetamine or methamphetamine.

22. (New) The isolated antibody of Claim 2, wherein said antibody comprises a heavy chain polypeptide having a sequence of SEQ. ID NO. 5 and a light chain polypeptide having a sequence of SEQ. ID NO. 23, and wherein the drug of abuse comprises amphetamine.

23. (New) The article of manufacture of Claim 20, wherein said antibody comprises a heavy chain polypeptide having a sequence of SEQ. ID NO. 5 and a light chain polypeptide having a sequence of SEQ. ID NO. 23, and wherein the drug of abuse comprises amphetamine.